

# science

## challenges build insight

**T**he science courses offered expanded students' perception of the world and all its natural wonders. Everything from the smallest atomic particles to the largest ecological systems was discussed to give students a firm grasp on how they fit into the biological world. Chemistry students intently studied the various ways the simplest atoms make up the universe, and subjects such as bond characteristics, intermolecular forces, and reaction types amplified student knowledge of both chemical and biological systems. Biology courses comprised of elaborate studies of the processes that make different organisms tick. Students in these classes were astonished after having learned about classifications of plants, fungi, and the photosynthetic processes that provide them with energy. The human body and all its systems were discussed in great detail in Anatomy and Physiology, and students digested information about just how complex human beings truly are. Physics students devoted extreme amounts of concentration and critical thinking to learning about concepts ranging from Newton's laws of motion to kinetic and potential energy.

Students proved they had paid attention in lecture by applying their knowledge in the accompanying labs each week. General Chemistry titrations posed an intense challenge to students; if the slightest extra drop of titrant was added, the result would be a catastrophic pH imbalance. Distillation and recrystallization were just a few of the processes that Organic Chemistry students had to analyze and practice. Wilma the skeleton provided plenty of help to Anatomy and Physiology students that required a bit of extra assistance when it came to learning the skeletal system. Pupils also received help from their knowledgeable instructors who were always willing to lend a hand. Regardless of their major or future plans, students departed with a firm understanding of the sciences that exist in the world.

by Madison VanNess



above: Kenyetta Ferguson and Sydnee Anderson study chemicals in the lab; above right: Jessica Singleton, Sydni Venable, and Taryn McNabb gaze into a microscope; opposite page: Keyvarrius Lucas writes scientific results; right: Arron Holmes and Setra Ott organize testing tubes.



